



King County

**SENIOR E-COMMERCE WEB DEVELOPER
(INFORMATION SYSTEMS ANALYST III)
OFFICE OF INFORMATION RESOURCE MANAGEMENT
Annual Salary Range \$55,602 - \$78,412
Job Announcement: 02PH2790
OPEN: 10/7/02 CLOSE: Until Filled**

WHO MAY APPLY: There are two positions open to King County internal candidates and all other qualified applicants, with preference given in that order.

WHERE TO APPLY: Required forms and materials **must** be sent to: **Teresa Sobol, 700 5th Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834.** Email applications are encouraged at teresa.sobol@metrokc.gov (all application materials must be included). Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE:** Applications not received at the location specified above and those that are not complete may not be processed.

FORMS AND MATERIALS REQUIRED: A [King County application form \(available at http://www.metrokc.gov/ohrm/psd/howto.html\)](http://www.metrokc.gov/ohrm/psd/howto.html) resume, letter of interest detailing your background and describing how you meet or exceed the requirements, and completed supplemental questionnaire are required.

WORK LOCATION: 700 5th Avenue, Key Tower, downtown Seattle, WA.

WORK SCHEDULE: This position is exempt from the provisions of the Fair Labor Standards Act, and is not overtime eligible. The workweek is normally Monday through Friday.

PRIMARY JOB DUTIES INCLUDE: Plans, coordinates, oversees, and is involved in completing all technical aspects of the e-commerce pilot program, reporting to the e-commerce program manager, including defining, designing, estimating, developing, integrating, testing, documenting, and implementing e-commerce applications.

1. Work with client business analysts to plan business processes incorporating new e-commerce technology
2. Assist project teams in identifying and determining functional and technical requirements for new e-commerce applications
3. Define detailed project tasks to meet requirements and scope
4. Create reliable project task work estimates and schedule for self and others, and identify associated dependencies, constraints, and assumptions
5. Create and oversee detail specifications and prototypes for e-commerce applications that meet client requirements
6. Analyze, design, develop, test, document, and implement e-commerce pilot and production applications and their integration with legacy applications and databases
7. Develop and oversee test plans and test scenarios based on requirements and specifications and utilize efficient debugging processes
8. Oversee turn-over of applications to production support
9. Develop applications template and APIs for use by other developers
10. Perform quality assurance reviews and peer reviews
11. Define, implement, and oversee processes for software configuration control and change management
12. Lead technical side of e-commerce application projects
13. Coordinate and oversee work of outside vendors to successfully accomplish tasks that meet project schedule
14. Develop training plans and train others, as needed

KING COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER. JOB ANNOUNCEMENTS ARE AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.

QUALIFICATIONS:

- Bachelor's degree in engineering, computer science, mathematics or related field is required, or an equivalent combination of experience and education may be substituted.
- At least 5 years experience in systems analysis, applications and systems design, development, documentation and testing applications, including 3 years experience in web-based applications and e-commerce and at least 3 years experience in a lead or supervisory position.
- Strong Technical Skills:
 - Experience in web development using ASP, Java, VB script, XML, HTTP, HTTPS, HTML, VB, Cold Fusion, APIs and other web-based protocols
 - Experience working with SQL Server 7, including developing and maintaining SQL databases, table design, stored procedures, and triggers
 - Experience building re-usable code, including APIs and COM objects
 - Experience using IIS, VPN, secure file transfer
 - Experience integrating web applications with legacy applications and databases and using middleware products, such as IBM's MQ series
- Strong Interpersonal Skills:
 - Strong written and oral communication skills
 - Strong customer service and organization skills
 - Experience in working with a diverse group of people
 - Flexible, self-starter, creative problem solver
 - High level of accuracy and attention to detail
 - Ability to function in fast-paced, dynamic, collaborative team environment
- Solid Project Experience:
 - Experience as a team member of a high visibility, business critical project
 - Experience in directing the work of others on a project
 - Experience in working on multiple tasks and multiple projects simultaneously
 - Experience in being self-directed and meeting project deadlines
- Extensive Software Development Knowledge and Experience:
 - Knowledge and experience with best practices in software development and software development lifecycles (SDLCs)
 - Experience in task definition, accurate work effort estimation, and scheduling for self and others
 - Experience in developing requirement documents for clients
 - Experience in developing detailed technology plans that specify what and how technologies will be used by others
 - Experience in developing architecture and detail application design documents based on requirements documentation.
 - Experience in designing and developing user interfaces that are highly usable and support complex business functionality
 - Experience in developing and supporting mission critical web & client server based applications
 - Knowledge and experience with e-commerce business and technical issues
 - Experience with pilot development and deploying pilots into production
 - Experience in working cooperatively with and directing the work of multiple vendors and service providers
 - Experience with formal testing procedures
 - Experience with software change control and configuration management

CLASS CODE: 403900

ISA III/24
Supplemental Questionnaire
Office of Information Management
Job Announcement No.: 02PH2790

Please provide a concise written response to the following questions. You will be evaluated on your level and extent of experience, level of technical knowledge and clarity of response. Please include your name and the job announcement number at the top of each page.

1. Describe your background and experience in developing applications. Include a description of your experience with e-commerce applications.
2. For one major web-based application that you were involved in, describe the major steps you followed to develop your client's idea into a business application.
3. Describe in detail your experience with relational databases, in particular SQL Server 7. Which databases have you used and to what extent?
4. Describe the architectural models (for example, 2-tier, 3-tier, n-tier) that you have used for Web based applications and why.
5. Describe the server environments that you have both developed on and deployed to. What web application development tools have you used?
6. Describe your experience with web-based protocols and your experience writing COM objects and APIs.
7. Describe your experience in integrating web-based applications with legacy databases and mainframe applications. What tools did you use?
8. Describe your experience working on projects. What was your favorite project and why? What was your worst project and why?